GE
Grid Solutions

Multilin 8 Series Protection and Control Relay Platform

Firmware version 2.22

Release Notes

Overview

Summary

GE Grid Solutions releases 8 Series Firmware version 2.22 for Multilin 8 Series Protection Relays.

Highlights of this release include the following:

Multilin 8 Series Firmware version 2.22

- **Platform**
    o   IEC 61850 connection issues corrected
    o   IEC61850 – XCBR1 Position Status corrected
    o   IEC61850 – MMXU1.MX.TotW Real Power metering corrected
    o   Serial File Transfer added

Release Date: **March 29ᵗʰ, 2019**

Previous Multilin 8 Series FW versions 1.2x and below cannot be upgraded to the new FW version 2.22. Please contact the factory if you need to do this.

Upgrading the firmware to version 2.22 can be done by downloading the upgrade file directly from our website:
Multilin 8 Series latest FW

The latest Enervista 8 Series Setup software is also available on our website:
Multilin 8 Series latest SW

Enervista 8 Series Setup software is supported by Windows 7, 8.1 and 10.

Please contact your local Multilin sales representative or Multilin Customer Service Department for any questions regarding this upgrade.

Release details

In the following release descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for a description of the categories displayed.

Multilin 8 Series Protection System
Firmware version 2.22

Platform

C **IEC 61850 connection issues**

IEC 61850 connection issue that resulted in the 8 Series relay disconnecting from the client after 25 days of continuous operation, has been resolved. If the 8Series relay was powered off within the 25 days, there would be no impact to the communication link. (Note that this issue can be resolved with the existing firmware by rebooting the relay. A firmware upgrade is not required.)

C **XCBR1 Position Status**

The IEC61850 XCBR1 Position Status has been corrected to reflect the true breaker position.

C **MMXU1.MX.TotW Real Power metering**

The IEC61850 MMXU1.MX.TotW Real Power metering functionality has been fixed.

C **Serial File Transfer**

Serial file transfer is now supported over USB or RS485, with a separate utility available for file transfer. Download the file transfer utility from our website: Multilin 8 Series latest software

Appendix

Change categories

This document uses the following categories to classify the changes.

Table 1: Revision Categories

Code	Category	Comments
N	New feature	A separate feature added to the relay. Changes to existing features even if they significantly expand the functionality are not in this category
G	Change	A neutral change that does not bring any new value and is not correcting any known problem
E	Enhancement	Modification of an existing feature bringing extra value to the application
D	Changed, incomplete or false faceplate indications	Changes to, or problems with text messages, LEDs and user pushbuttons
R	Changed, incomplete or false relay records	Changes to, or problems with relay records (oscillography, demand, fault reports, etc.)
C	Protocols and communications	Changes to, or problems with protocols or communication features
M	Metering	Metering out of specification or other metering problems
P	Protection out of specification	Protection operates correctly but does not meet published specifications (example: delayed trip)
U	Unavailability of protection	Protection not available in a self-demonstrating way so that corrective actions could be taken immediately
H	Hidden failure to trip	Protection may not operate when it should
F	False trip	Protection may operate when it should not
B	Unexpected restart	Relay restarts unexpectedly

For further assistance

For product support, contact the information and call center as follows:

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